

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please reconsider the claims in accordance with the following:

1. (Original) A method of selecting audio channels of an A/V data stream comprising a plurality of programs, each program comprising at least two kinds of audio data streams, each audio data stream comprising at least two sub-audio data streams which are not repeated and have a series of channel IDs according to a predetermined order of precedence, the method comprising:

(a) when one of the programs is changed to another one of the programs, searching whether there is a sub-audio data stream having a channel ID which is the same as the channel ID assigned to the sub-audio data stream of the program which was being reproduced before the program was changed, in the another program; and

(b) when it is determined that there is the sub-audio data stream having a channel ID which is the same as the channel ID assigned to the sub-audio data stream of the program which was being reproduced before the program was changed in the step (a), selecting the sub-audio data stream having the same channel ID of the another program.

2. (Original) The method of claim 1, wherein when there is no sub-audio data stream having a channel ID which is the same as the channel ID assigned to the sub-audio data stream of the program which was being reproduced before being changed, the method in the another program further comprising selecting a sub-audio data stream having a channel selection number which has first precedence in the predetermined order of precedence among the sub-audio data streams of the another program.

3. (Original) The method of claim 1, wherein when there is no sub-audio data stream having a channel ID which is the same as the channel ID assigned to the sub-audio data

stream of the program which was being reproduced before being changed, the method further comprising :

searching among the sub-audio data streams of the another program for whether there is a sub-audio data stream having a channel ID which has a higher precedence than the precedence of the channel ID assigned to the sub-audio data stream of the program which was reproduced before the program was changed; and

when the sub-audio data stream having the channel ID which has the higher precedence than the precedence of the channel ID assigned to the sub-audio data stream of the program which was reproduced before the program was changed exists in the another program, selecting, from the sub-audio data streams of the another program, the sub-audio data stream having the channel ID which has the higher precedence than the precedence of the channel ID assigned to the sub-audio data stream of the program which was reproduced before the program was changed.

4. (Original) A method of selecting audio channels of an A/V data stream comprising a plurality of programs, each program comprising at least two audio data streams, and ones of the audio data streams having dual mono channels, the method comprising:

reproducing one of the dual mono channels of one of the audio data streams of a first one of the programs;

changing to a second one of the programs; and

determining if one of the dual mono channels of one of the audio data streams of the second program corresponds to the one dual mono channel of the one audio data stream of the first program, and reproducing the one dual mono channel of the one audio stream of the second program if the correspondence exists.

5. (Original) The method of claim 4, further comprising:

reproducing one of the audio streams of the second program corresponding to the one audio stream of the first program having the one dual mono channel if the correspondence in the determining step does not exist.

6. (Original) The method of claim 4, further comprising:

reproducing one channel of one of the audio streams of the second program having a closest order of status to the one audio stream of the first program having the one dual mono channel if the correspondence in the determining step does not exist.

7. (Original) The method of claim 4, further comprising:

reproducing a default channel of one of the audio streams of the second program if the correspondence in the determining step does not exist.

8. (Original) The method of claim 4, further comprising:

reproducing one channel of one of the audio streams of the second program having a higher order of precedence than the one audio stream of the first program having the one dual mono channel if the correspondence in the determining step does not exist.

9. (Original) A method of selecting audio channels of an A/V data stream comprising a plurality of programs, each program comprising at least two audio data streams with at least one channel, ones of the audio data streams having dual mono channels, wherein each channel has a channel ID according to a predetermined order of precedence within the program, the method comprising:

when a first one of the programs is changed to a second one of the programs, searching whether there is a second dual mono channel of the second program having a channel ID which is the same as a channel ID assigned to a first dual mono channel of the first program which was being reproduced prior to the change; and

selecting the second dual mono channel if the search is successful.

10. (Original) The method of claim 9, further comprising:

selecting one channel of the second program having a channel selection number with a higher order of precedence than the first dual mono channel if the search is unsuccessful.

11. (Original) The method of claim 9, further comprising:

selecting one channel of the second program having a channel selection number closest in correspondence to the first dual mono channel if the search is unsuccessful.

12. (Original) The method of claim 9, further comprising:

selecting a default one of the channels of the second program if the search is unsuccessful.